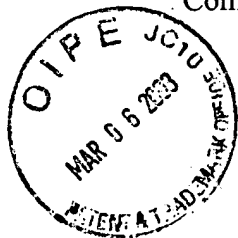
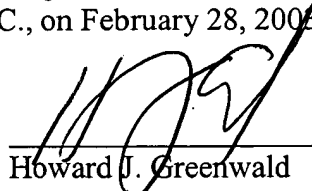


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CERTIFICATE OF MAILING

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 3762
EXAMINER: KHAN, OMAR A
APPLICANT: WEINER, MICHAEL L.
SERIAL NUMBER: 09/930,364
DOCKET NUMBER: MLW-3
FILED: AUGUST 15, 2001
FOR: PROCESS FOR TREATING BIOLOGICAL ORGANSIM

RECEIVED
MAR 11 2003
TECHNOLOGY CENTER R3700

AMENDMENT

Sir:

In response to the Examiner's Action of October 2, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 1 as follows:

A

1. (Amended) An apparatus for treating a substrate, said apparatus comprising means for emitting and delivering energy to said substrate, a programmable controller for varying the energy emitted, and means for sensing a condition of said substrate, wherein said energy is represented by a predetermined continuous waveform graph wherein said graph comprises a continuous line that rises to a first value and thereafter declines to a second value and thereafter rises to a third value, and thereafter declines to a fourth value, wherein said first value is greater